

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for securely providing information comprising the steps of:

(a) at a storage ~~server~~ server, receiving from ~~[[the]]~~ a client information identifying ~~an encrypted~~ a personal security device;

(b) in response to receiving said information identifying ~~[[a]]~~ said personal security device, sending from the storage server to the client said ~~identified-encrypted~~ personal security device;

(c) at an authentication server, receiving authentication information from the client; and

(d) responsive to said authentication information, sending from a key server to the client decryption information for said personal security device.

2. (Canceled)

3. (Currently Amended) The method of claim 54, wherein the ~~encrypted-container~~ personal security device contains information necessary to make a secure network connection between a network client and a network server.

4. (Currently Amended) The method of claim 54, wherein the ~~encrypted-container~~ personal security device contains information necessary to make a secure virtual private network connection.

5. (Previously Presented) The method of claim 54, wherein authenticating involves validating said authentication information.

Claims 6-9 (Canceled)

10. (Previously Presented) The method of claim 54, wherein the received authentication information includes a time-based authentication code.

11. (Currently Amended) A method implemented by a client for accessing secure information comprising the steps of:

(a) receiving from a storage server ~~an encrypted~~ a personal security device;

(b) receiving from a key server decryption information for said personal security device;
and

(c) decrypting said personal security device.

12. (Canceled)

13. (Currently Amended) The method of claim 70, wherein the ~~encrypted container~~
personal security device contains information necessary to make a secure network connection
between a network client and a network server.

14. (Currently Amended) The method of claim 70, wherein the ~~encrypted container~~
personal security device contains information necessary to make a secure virtual private network
connection.

Claims 15 and 16 (Canceled)

17. (Currently Amended) The method of claim 70, wherein receiving the ~~encrypted~~
~~container~~ personal security device involves receiving a smartcard that contains the ~~encrypted~~
~~container~~ personal security device stored thereon.

18. (Previously Presented) The method of claim 70, further comprising storing the
received key in a volatile memory.

Claims 19-51 (Canceled)

52. (Previously Presented) The method of claim 1, further comprising implementing the
storage server and the authentication server on the same computer.

53. (Previously Presented) The method of claim 1, further comprising implementing the
authentication server and the key server on the same computer.

54. (Currently Amended) A method for enabling a client to access secure information
contained in an ~~encrypted container~~ a personal security device, said method comprising:
at a storage server, receiving from the client a request identifying the personal security
device containing secure information;

in response to receiving said request, sending the personal security device from the storage server to the client;

at an authentication server, receiving from the client a key query that includes authentication information;

at the authentication server, authenticating the client based on the received authentication information; and

as a consequence of authenticating the client, sending a key from a key server to the client, said key for decrypting the ~~identified encrypted container~~ personal security device to access the secure information.

55. (Currently Amended) The method of claim 54, wherein the key query ~~identifies~~ identifies the encrypted container personal security device.

56. (Canceled)

57. (Previously Presented) The method of claim 54, wherein authenticating the client involves:

in response to receiving the key query, sending the client an authentication challenge; and

receiving at the authentication server a response from the client to the authentication challenge, said response including said authentication information.

58. (Previously Presented) The method of claim 54, further comprising implementing the storage server and the authentication server on the same computer.

59. (Previously Presented) The method of claim 54, further comprising implementing the authentication server and the key server on the same computer.

60. (Currently Amended) The method of claim 54, wherein the ~~encrypted container~~ personal security device contains a ~~cryptographic~~ cryptographic key.

61. (Currently Amended) The method of claim 54, wherein the ~~encrypted container~~ personal security device contains a password.

62. (Currently Amended) The method of claim 54, wherein the ~~encrypted container~~ personal security device contains private or secret information selected from a group consisting of a medical record, contact information, a personal identification number, biometric information, a transaction record, and a map revealing a location of a resource.

63. (Previously Presented) The method of claim 54, wherein sending the key to the client involves transmitting the key through a connection to a computer network.

64. (Previously Presented) The method of claim 63, wherein the network connection is unencrypted.

65. (Previously Presented) The method of claim 63, wherein the network connection is encrypted.

66. (Previously Presented) The method of claim 63, wherein the computer network is the Internet.

67. (Previously Presented) The method of claim 54, wherein the received authentication information includes a single-use code.

68. (Previously Presented) The method of claim 54, wherein the received authentication information includes a event-based code.

69. (Previously Presented) The method of claim 54, wherein the received authentication information includes biometric information.

70. (Currently Amended) A method implemented by a client for accessing secure information, said method comprising:

receiving an ~~encrypted container~~ a personal security device from a third party, said ~~encrypted container~~ personal security device containing the secure information;
sending a key request including authentication information to an authentication server;
in response to sending the authentication information to the authentication server, receiving from a key server a key for decrypting the ~~encrypted container~~ personal security device; and

with the received key, decrypting the ~~encrypted container~~ personal security device to access the secure information.

71. (Currently Amended) The method of claim 70, wherein said key request identifies the ~~encrypted container~~ personal security device.

72. (Currently Amended) The method of claim 70, further comprising sending information to a storage server identifying the ~~encrypted container~~ personal security device, and wherein receiving the ~~encrypted container~~ personal security device from the third party involves receiving the identified ~~encrypted container~~ personal security device from the storage server.

73. (Previously Presented) The method of claim 70, wherein sending the key request and authentication information comprises, in response to sending the key request, receiving from the authentication server an authentication challenge and responding to the authentication challenge with the authentication information.

74. (Currently Amended) The method of claim 70, further comprising, after decrypting the ~~encrypted container~~ personal security device, completely erasing the received key from all client memory.

75. (Currently Amended) The method of claim 70, further comprising, after accessing the secure information, completely erasing the decrypted ~~container~~ personal security device and the secure information from all client memory.

76. (Currently Amended) The method of claim 70, wherein the ~~encrypted container~~ personal security device contains a ~~cryptographic~~ cryptographic key.

77. (Currently Amended) The method of claim 70, wherein the ~~encrypted container~~ personal security device contains a password.

78. (Previously Presented) The method of claim 70, wherein receiving the key from the key server involves receiving the key through a connection to a computer network.

79. (Previously Presented) The method of claim 78, wherein the network connection is unencrypted.

80. (Previously Presented) The method of claim 78, wherein the network connection is encrypted.

81. (Previously Presented) The method of claim 78, wherein the computer network is the Internet.

82. (Previously Presented) The method of claim 70, further comprising generating a single-use code and wherein the authentication information comprises the single-use code.

83. (Previously Presented) The method of claim 70, further comprising generating a event-based code and wherein the authentication information comprises the event-based code.

84. (Previously Presented) The method of claim 70, further comprising generating biometric information and wherein the authentication information comprises the biometric information.

85. (Previously Presented) The method of claim 70, further comprising using an authentication token to generate the authentication information.

86. (Previously Presented) The method of claim 85, wherein the authentication token is a hardware device independent of the client.

87. (Previously Presented) The method of claim 85, wherein the authentication token is connected to the client.

88. (Previously Presented) The method of claim 85, wherein the authentication token is software running on the client.

89. (Previously Presented) The method of claim 85, wherein the authentication token is software running on a processor independent of the client.

90. (Currently Amended) The method of claim 70, wherein receiving the ~~encrypted container~~ personal security device involves receiving the ~~encrypted container~~ personal security device as an electronic communication over a network.